EIZO

FlexScan® S2110W
FlexScan® S2410W

FlexScan Widescreen Monitors

Need a little extra space?

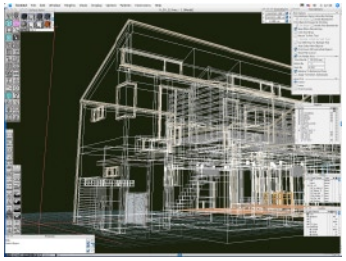
Slim Edge

Stretch out, with EIZO widescreen monitors.

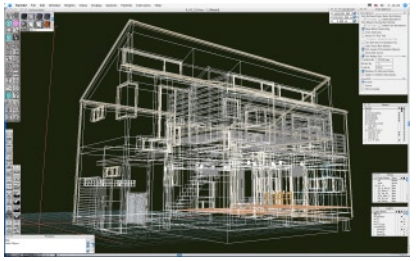
Whether you use your current monitor for work or entertainment or both, you probably wish at times that you had a little extra horizontal space. The FlexScan S2410W and S2110W have 24.1" and 21.1" screens respectively and a 16:10 aspect ratio, providing the widescreen view you want for movies and games, as well as for 3-D CAD and graphic design applications. With their fast response time, high contrast ratio and outstanding brightness, they are truly high performance monitors, delivering smooth, accurate and natural reproduction of moving as well as still images. Both models are designed to make operation easy and efficient, with electrostatic touch switches on the front panel and EIZO's latest ArcSwing 2 stand for easy, flexible positioning.

Widescreen Format

Both monitors employ a 16:10 aspect ratio as opposed to the 4:3 ratio of conventional screens. The increased horizontal space this affords means you can keep tool palettes open without covering the window you're working on. You can also view two windows or two applications with no overlap. And because the 16:10 aspect ratio is almost the same as the 16:9 used by DVDs, you can enjoy movies with minimal black borders at the top and bottom of the screen.



Conventional monitor: working space and tool palettes overlap.



Widescreen monitor: full working space and tool palettes are displayed simultaneously with no overlap.

Fast Response Time

To ensure that movies and other moving images look clean and sharp, with an absolute minimum of blurring and ghosting, both monitors feature fast response time. An overdrive circuit smooths image flow by adjusting the voltage input for each frame based on image data from the three previous frames (more accurate than using only one or two frames). Commonly used in LCD TVs, overdrive improves midtone response time — the time required to transmit gray levels — to 8 ms for both monitors.

Without overdrive circuit

With overdrive circuit

1000:1 Contrast Ratio

This outstanding contrast performance makes images on dark backgrounds appear more vivid, brings out the subtle differences in similar shades of color, and ensures that colors retain their richness even in brightly lit rooms.

500:1 *1000:1*

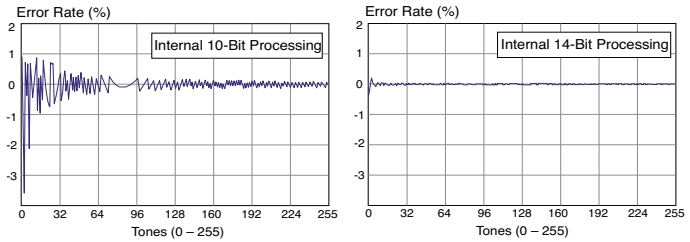
450 cd/m^2 Brightness

With high brightness of 450 cd/m^2, the same as high quality LCD TVs, these monitors present a clear view even in bright environments. This performance is made possible by a direct backlighting system, which also provides higher power efficiency and better uniformity.

14-Bit Processing for Accurate Color Reproduction

These widescreen monitors incorporate a powerful new EIZO-developed ASIC (Application Specific Integrated Circuit) with 14-bit color processing capability (16 times more accurate than 10-bit). This allows a larger number of grayscale increments, for smooth grayscale rendering. The result is a much greater degree of color detail, especially in dark areas and shadows.

10-bit v. 14-bit processing



With 10-bit processing, the error rate is high in low tonal areas during calculation. With 14-bit processing, accuracy is significantly improved resulting in fewer conversion errors.

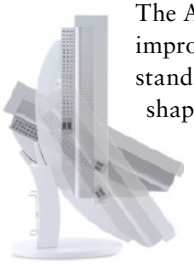
Fine Contrast Mode Selection

For optimum viewing of all types of content, the Fine Contrast function allows the selection of five imaging modes: Text, Picture, Movie, Custom, and sRGB. Each mode has its own settings for image parameters such as color temperature, gamma and brightness. You can navigate between the modes simply by pressing a button on the front panel. For further convenience, a Fine Contrast mode can be assigned to any application with the bundled ScreenManager® Pro for LCD utility software. When the application is opened, the screen automatically changes to its assigned mode.

Detailed Color Control

Gamma, saturation, hue, gain, and color temperature from 4,000 K to 10,000 K can all be adjusted in the OSD menu for accurate, natural display of color. For fine-tuning of even a single color, the hue and saturation settings for red, green, blue, cyan, magenta, and yellow can be adjusted independently.

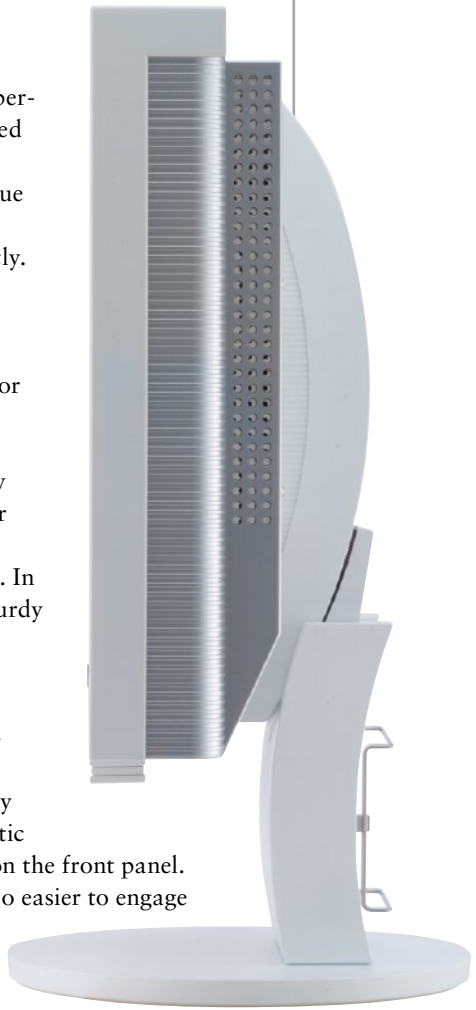
ArcSwing 2 Stand



The ArcSwing 2 stand is a significant improvement over conventional monitor stands, adjusting through a large arc-shaped range of movement. You can position it at eye level or at a low angle akin to reading a book, for best viewing no matter how and where you are using the monitor. In addition, this stand features a sturdy base and a compartment for cable management.

Touch Sensitive Switches

You have quick access to a variety of functions via highly sensitive electrostatic "touch" switches on the front panel. Presenting a sophisticated appearance, they are also easier to engage than the small buttons of most LCD monitors.



Dual DVI-I Inputs

The two DVI-I input terminals can accept both digital and analog inputs for greater freedom in connecting other equipment. If both types are connected, you can switch between them via a front panel button.

USB 2.0 Hub

Both monitors provide a high speed (480 Mb/s) USB 2.0 hub with two downstream ports which are conveniently located on the side of the monitor for quick connection of peripherals.

Choice of Colors

Both models are available in black and also with a white/silver cabinet that complements the Mac G5 and Mac Mini.

Accessories

A variety of accessories are available including a height adjustable stand and mounting arms for the FlexScan S2110W, and client management software and panel protectors for both monitors. For detailed information, please see www.eizo.com/products/accessories/

Customer Assurance

A five-year warranty offers a long service life, and compliance with leading industry standards such as TCO'03 (white cabinet only) and TÜV Ergonomics ensures a better working environment. The EIZO Eco Products 2004 label indicates these products meet strict internal requirements for design, manufacturing, packaging, and usage, including the introduction of lead-free solder and chrome-free steel plates.

		FlexScan S2410W	FlexScan S2110W
Panel	Size and Type	61 cm (24.1") TFT color LCD panel	53 cm (21.1") TFT color LCD panel
	Viewing Angles (H, V)	178°, 178° (at contrast ratio of 10:1)	178°, 178° (at contrast ratio of 10:1)
	Brightness / Contrast	450 cd/m² / 1000:1	450 cd/m² / 1000:1
	Response Time	16 ms (typical)	16 ms (typical)
	Midtone Response Time	8 ms[1]	8 ms[1]
	Native Resolution	1920 × 1200	1680 × 1050
	Active Display Size (H × V)	518.4 × 324.0 mm	453.6 × 283.5 mm
	Viewable Image Size	Diagonal: 611 mm	Diagonal: 534mm
	Pixel Pitch	0.270 × 0.270 mm	0.270 × 0.270 mm
	Display Colors	16.77 million from a palette of 1.06 billion	16.77 million from a palette of 1.06 billion
Available Cabinet Colors		White, Black	White, Black
Dot Clock		Analog: 202.5 MHz, Digital: 162 MHz	Analog: 150 MHz, Digital: 120 MHz
Scanning Frequency (H, V)		Analog: 24 – 94 kHz, 49 – 86 Hz Digital: 31 – 76 kHz, 59 – 61 Hz (VGA Text: 69 – 71 Hz)	Analog: 24 – 82 kHz, 49 – 86 Hz Digital: 31 – 65 kHz, 59 – 61 Hz (VGA Text: 69 – 71 Hz)
Input Signals		Analog: RGB Analog, Digital: DVI Standard 1.0	Analog: RGB Analog, Digital: DVI Standard 1.0
Input Terminals		DVI-I 29 pin × 2 (switchable)	DVI-I 29 pin × 2 (switchable)
USB Ports / Standard		1 upstream, 2 downstream / USB Standard Rev. 2.0	1 upstream, 2 downstream / USB Standard Rev. 2.0
Plug & Play		VESA DDC 2B	VESA DDC 2B
Power	Power Requirements	AC 100 – 120 V, 200 – 240 V: 50 / 60 Hz	AC 100 – 120 V, 200 – 240 V: 50 / 60 Hz
	Power Consumption	110 W (maximum)	80 W (maximum)
	Power Save Mode	Less than 2 W	Less than 2 W
Physical Specifications	Height Adjustment Range	95 mm	95 mm
	Tilt / Swivel / Pivot	60° Up, 5° Down / 172° Right, 172° Left / –	60° Up, 5° Down / 172° Right, 172° Left / –
	Dimensions (W × H × D)	With Stand: 566 × 358.7 – 480 × 230 mm Without Stand: 566 × 396 × 85 mm	With Stand: 501 × 341.1 – 459.5 × 230 mm Without Stand: 501 × 355 × 85 mm
	Net Weight	With Stand: 10.2 kg, Without Stand: 7.8 kg	With Stand: 8.2 kg, Without Stand: 5.8 kg
Display Mode Options		Fine Contrast (Text, Picture, Movie, sRGB, Custom, WindowMovie[2]), Auto Fine Contrast[3]	
ScreenManager OSD Adjustment Functions	Screen Adjustment	Clock, Phase, Position, Resolution, Brightness, Signal Filter, Screen Size (full screen, enlarge, normal), Smoothing (5 stages), Border Intensity	
	Color Adjustment	Range Adjustment (RGB), Independent 6-Color Control[3], Gamma, Temperature (14 stages: in 500 K increments from 4,000 K – 10,000 K including 9,300 K), Saturation, Hue, Gain, Reset	
	Power Save Settings	Analog: PowerManager (VESA DPMS), Off Timer, Digital: PowerManager (DVI DMPM), Off Timer	
	Other Settings	Signal Settings, Input Priority, Product Information (product name, serial number, resolution, operating time), OSD Menu Settings, Adjustment Lock, Languages (English, French, German, Italian, Japanese, Spanish, Swedish), Reset	
Certifications and Standards		TCO'03 (white), TCO'99 (black) TÜV/Ergonomics (including ISO 13406-2), TÜV/GS, c-Tick, CE, CB, UL (cTÜVus), CSA (cTÜVus), FCC-B, Canadian ICES-003-B, TÜV/S, VCCI-B, EPA ENERGY STAR®, EIZO Eco Products 2004	
Warranty		Five Years[4]	Five Years[4]

[1] Average response time measured between each grayscale level of 31, 63, 95, 127, 159, 191, and 223. [2] WindowMovie mode is selectable only when Auto Fine Contrast is active. [3] Bundled ScreenManager Pro for LCD is necessary to activate Auto Fine Contrast and Independent 6-Color Control. Support for this function varies with the graphics board used. ScreenManager Pro for LCD is compatible with the Microsoft® Windows® 98SE/Me/2000/XP operating systems only. [4] The usage time is limited to 30,000 hours or less, and the warranty period of the LCD panel and backlight is limited to three years from the date of purchase. With current LCD technology, a panel may contain a limited number of missing or flickering pixels.

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